

PCT REQUEST

Original (for SUBMISSION)

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY model] Version 3.50 (Build 0002.150)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	PU4804WO
I	Title of Invention	ERBB4 CO. CRYSTAL
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name:	SMITHKLINE BEECHAM CORPORATION
II-5	Address:	One Franklin Plaza Philadelphia, PA 19101 United States of America
II-6	State of nationality	US
II-7	State of residence	US
II-8	Telephone No.	919-483-2370
II-9	Facsimile No.	919-483-7988
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	SHEWCHUK, Lisa, Marie
III-1-5	Address:	c/oGlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America
III-1-6	State of nationality	CA
III-1-7	State of residence	US

PCT REQUEST

Original (for SUBMISSION)

III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	HASSELL, Anne Moore
III-2-5	Address:	c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America
III-2-6	State of nationality	US
III-2-7	State of residence	US
III-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	BRIGNOLA, Perry, Scott
III-3-5	Address:	11850 Brisbane Drive Alpharetta, GA 30004 United States of America
III-3-6	State of nationality	US
III-3-7	State of residence	US
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	LEVY, David, J
IV-1-2	Address:	GlaxoSmithKline Corporate Intellectual Property Dept Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America
IV-1-3	Telephone No.	919-483-2252
IV-1-4	Facsimile No.	919-483-7988
IV-1-6	Agent's registration No.	27,655
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	LEMANOWICZ, John (37,380)

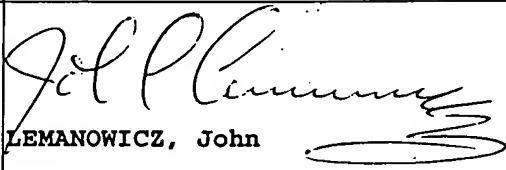
PCT REQUEST

Original (for SUBMISSION)

V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	21 January 2003 (21.01.2003)
VI-1-2	Number	60/441,443
VI-1-3	Country	US
VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1
VII-1	International Searching Authority Chosen	United States Patent and Trademark Office (USPTO) (ISA/US)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	-
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-

PCT REQUEST

Original (for SUBMISSION)

IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	-
IX-2	Description (excluding sequence listing part)	164	-
IX-3	Claims	5	-
IX-4	Abstract	1	✓
IX-5	Drawings	3	-
IX-7a	Sub-total number of sheets	178	
IX-6a	Sequence listing part of description filed in computer readable form in addition to being filed in paper form (under Section 801(a)(ii))	2	-
IX-7	TOTAL	180	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-11	Copy of general power of attorney	reference no. none	-
IX-16(A)	Sequence listing in computer readable form:		
IX-16(A)-(i)	copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)	-	1 Diskette
IX-17	PCT-SAFE physical media	-	✓
IX-18	other:	PCT POA for inventors: SHEWCHUK, HASSELL	
IX-18	other:	PCT POA for SmithKline Beecham Corp signed by David J. Levy	
IX-19	Figure of the drawings which should accompany the abstract	2	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name:	LEMANOWICZ, John	
X-1-2	Name of signatory		
X-1-3	Capacity		

PCT REQUEST

Original (for SUBMISSION)

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10-1	Date of actual receipt of the purported International application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported International application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/US
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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